

SUS 203-126
203
203-35

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Super S Moly EP2 Grease

HMIS RATING: Health-1, Flammability-1, Reactivity-0, Personal Protection Index-H

Chemical Name: Petroleum Based Lithium Thickened Grease

Product Appearance: Blue/Black

Product Odor: Mild Hydrocarbon Odor

Manufacturer: Smitty's Supply Inc.

63399 Hwy 51
Roseland, LA 70456

Emergency Telephone Numbers:

Transportation: 985-748-6572 8am-5pm EST M-F
CHEMTREC: 800-256-7575 24 hrs Everyday

2. INGREDIENTS/IDENTITY INFORMATION

INGREDIENT	CAS NO.	WEIGHT
DISTILLATES, PETROLEUM, HYDROTREATED NAPHTHENIC	64742-52-5	70-100%
MOLYBDENUM SULFIDE (MOS2)	1317-33-5	<1

3. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

IF SPLASHED INTO THE EYES, FLUSH WITH CLEAR WATER FOR 15 MINUTES OR UNTIL THE IRRITATION SUBSIDES. IF THE IRRITATION PERSISTS, CALL A PHYSICIAN.

SKIN CONTACT

IN CASE OF CONTACT, REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN THOROUGHLY WITH SOAP AND WATER.

INHALATION

THE VAPOR PRESSURE IS VERY LOW. VAPOR INHALATION UNDER AMBIENT CONDITIONS IS NORMALLY NOT A PROBLEM. IF OVERCOME BY VAPOR FROM HOT PRODUCT, IMMEDIATELY REMOVE FROM EXPOSURE AND CALL A PHYSICIAN. IF BREATHING IS IRREGULAR OR HAS STOPPED, START RESUSCITATION; ADMINISTER OXYGEN, IF AVAILABLE. IF OVEREXPOSED TO OIL MIST, REMOVE FROM FURTHER EXPOSURE UNTIL EXCESSIVE OIL MIST CONDITION SUBSIDES.

INGESTION

IF INGESTED, DO NOT INDUCE VOMITING: CALL A PHYSICIAN IMMEDIATELY.

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (MINIMUM)

218°C

AUTOIGNITION TEMPERATURE

N/D

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) – HAZARD IDENTIFICATION

HEALTH-1, FLAMMABILITY-1, REACTIVITY-0

HANDLING PRECAUTIONS:

USE PRODUCT WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME.

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)

ESTIMATED VALUES: LOWER FLAMMABLE LIMIT N/D; UPPER FLAMMABLE LIMIT N/D

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES. MINIMIZE BREATHING GASES, VAPOR, FUMES, OR DECOMPOSITION PRODUCTS. USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES, OR AS OTHERWISE NEEDED.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITION
FUMES, SMOKE, SULFUR OXIDES AND PARTIALLY BURNED HYDROCARBONS, LITHIUM
HYDROXIDE.**

5. HEALTH AND HAZARD INFORMATION

VARIABILITY AMONG INDIVIDUALS

HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM AND SYNTHETIC LUBRICANTS POSE POTENTIAL HUMAN RISKS WHICH VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS, OR FUMES SHOULD BE MINIMIZED.

EFFECTS OF OVEREXPOSURE (SIGNS AND SYMPTOMS OF OVEREXPOSURE)

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

TOXICITY AND SARA TITLE III INFORMATION

LITHIUM COMPOUNDS: LITHIUM CONTENT 1.9%

6. PHYSICAL/CHEMICAL CHARACTERISTICS

THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUES AND SHOULD NOT BE USED FOR PRECISE DESIGN PURPOSES.

BOILING POINT: IBP APPROXIMATELY N/D

VAPOR PRESSURE: N/D

SPECIFIC GRAVITY: .099 pH: Essentially neutral

VAPOR DENSITY: N/D

POUR, CONGEALING OR MELTING POINT

PERCENT VOLATILE BY VOLUME: N/D

DROPPING POINT 280°C

EVAPORATION RATE: N/D

VISCOSITY: SEMISOLID NLGI GRADE #2

**SOLUBILITY IN WATER: 25°C(77°F)
Negligible**

7. REACTIVITY DATE

THIS PRODUCT IS STABLE AND WILL NOT REACT VIOLENTLY WITH WATER. HAZARDOUS POLYMERIZATION WILL NOT OCCUR. AVOID CONTACT WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE. THE ALKYL NITRATE IN THIS PRODUCT MAY UNDERGO A SELF-ACCELERATING EXOTHERMIC REACTION IF HEATED ABOVE 150°C (302°F).

8. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

RECOVER FREE PRODUCT. ADD SAND, EARTH, OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE SKIN CONTACT. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES, OR EXTENSIVE LAND AREAS. ASSURE CONFORMITY WITH APPLICABLE GOVERNMENT REGULATIONS.

9. PROTECTION AND PRECAUTIONS

VENTILATION

USE LOCAL EXHAUST TO CAPTURE VAPOR, MISTS, OR FUMES IF NECESSARY. PROVIDE VENTILATION SUFFICIENT TO PREVENT EXCEEDING EXPOSURE LIMIT OR BUILDUP OF EXPLOSIVE CONCENTRATIONS OF VAPOR IN AIR. USE EXPLOSION PROOF EQUIPMENT. RESTRICT SMOKING IN AREA.

RESPIRATORY PROTECTION

USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

PROTECTIVE GLOVES

USE CHEMICAL-RESISTANT GLOVES, IF NEEDED, TO AVOID PROLONGED OR REPEATED SKIN CONTACT.

EYE PROTECTION

USE SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.

OTHER PROTECTIVE EQUIPMENT

USE CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING, IF NEEDED, TO AVOID CONTAMINATION REGULAR CLOTHING THAT COULD RESULT IN PROLONGED OR REPEATED SKIN CONTACT.

WORK PRACTICES/ENGINEERING CONTROLS

KEEP CONTAINERS AND STORAGE VESSELS CLOSED WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS, FLAME, OR STRONG OXIDANTS.

PERSONAL HYGIENE

MINIMIZE BREATHING OF VAPOR, MIST, OR FUMES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. REMOVE CONTAMINATED CLOTHING; LAUNDRY OR DRY CLEAN BEFORE REUSE. REMOVE CONTAMINATED SHOES AND THOROUGHLY CLEAN BEFORE REUSE; DISCARD IF OIL SOAKED. CLEAN SKIN THOROUGHLY AFTER CONTACT, BEFORE BREAKS OR MEALS, AND AT THE END OF THE WORK PERIOD. WATERLESS HAND CLEANERS FOLLOWED BY WASHING THOROUGHLY WITH SOAP AND WATER READILY REMOVE PRODUCT FROM SKIN.

10. TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION

FOR FURTHER INFORMATION RELATIVE TO SPILLS RESULTING FROM TRANSPORTATION INCIDENTS, REFER TO THE LATEST DEPARTMENT OF TRANSPORTATION EMERGENCY RESPONSE GUIDEBOOK FOR HAZARDOUS MATERIALS INCIDENTS, DOT 5800 3.